

Title (en)
Immunotherapeutic formulations to generate autoantibodies capable to avoid the binding of interleukin-2 to its receptor. Their use in the treatment of cancer

Title (de)
Immuntherapeutische Formulierungen zum Erzeugen von Autoantikörpern, die die Bindung von Interleukin-2 an seinen Rezeptor verhindern können, deren Verwendung bei der Behandlung von Krebs

Title (fr)
Formulations immunothérapeutiques pour générer des anticorps capables d'éviter la liaison d'interleukine-2 sur son récepteur Leur utilisation pour le traitement du cancer

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Application
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Abstract (en)
The present invention is related to pharmaceutical compositions based on vaccines and monoclonal antibodies that neutralize the Interleukin-2, which are useful in the treatment of tumors. Particularly the present invention is related to therapeutic formulations able to increase the immunogenicity of the IL-2 conjugated to the carrier protein P64k from the Neisseria Meningitidis in Montanide ISA 51 adjuvant for the induction of IL-2 neutralizing autoantibodies and the effective methods for the treatment of tumors, including breast cancer and melanoma. Furthermore, the present invention is related to therapeutic combination of the IL-2 based vaccine with other cancer vaccines based on specific tumor antigens or tumor growth factors, as well as chemotherapeutics agents or radiotherapy of standard use for cancer treatment.

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